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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Isabelle REY-FABRET et al
Serial No.: 10/024,719
Filed: December 21, 2001
For: METHOD FOR FORMING AN OPTIMIZED
NEURAL NETWORK MODULE INTENDED TO
SIMULATE THE FLOW MODE OF A MULTIPHASE
FLUID STREAM
Art Unit: 2128
Examiner: Thai Q. Phan

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Technology Center 2100

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

May 24, 2004

Sir:

This is in response to the first Office Action of February 23, 2004. Please
amend the above-identified application as listed below and as set forth on the following
pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Remarks are included following the amendments